10/066.092   YOUN ET AL.		Application No.	Applicant(s)	Applicant(s)	
Reamin r   L. G. Lauchman   L. G. Lauc	Notice of Allowability	10/066,092	YOUN ET AL	YOUN ET AL.	
The MAILING DATE of this communication appears on the cover she t with the correspond nee address- All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously malled), a Notice of Allowance (PTOL-85) or other apporpriate communication will be mainted in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiation of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.  1. ☑ This communication is responsive to 4/26/2004.  2. ☑ The allowed claim(s) is/are 1-8.  3. ☑ The drawings filed on 31 January 2002 are accepted by the Examiner.  4. ☑ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) ☑ All b) ☐ Some c) ☐ None of the:  1. ☑ Certified copies of the priority documents have been received.  2. ☐ Certified copies of the priority documents have been received in Application No.  3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).  **Certified copies not received:  Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  THIS THREE-MONTHS FROM DIS NOTE EXTENDABLE.  5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.  (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawings Review (PTO-948) attached  1. ☐ Draper No./Mail Date  4. ☐ Molice of References Cited (PTO-892)  1. ☐ Notice of Informal Patent Application (PTO-152)  2. ☐ Paper No./Mail Date  4. ☐ Molice of References Cited (PTO-892)  2. ☐ Paper No./Mail Date  4. ☐ Notice of Informal Patent Ap				T	
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Art Unit: 2877

## **DETAILED ACTION**

The amendment filed 4/26/2004 overcomes the rejection mailed 1/21/2004.

## Allowable Subject Matter

Claims 1-8 are allowed.

As to Claim 1, the prior art of record taken along or in combination, fails to disclose or render obvious an optical unit for measuring an optical signal-to-noise ration by measuring the optical intensity corresponding to each wavelength and an amplified spontaneous emission (ASE) noise strength at the point between optical signals, in combination with the rest of the limitations of the claim.

As to Claim 6, the prior art of record taken along or in combination, fails to disclose or render obvious measuring an optical signal-to-noise ration by measuring the optical intensity corresponding to each wavelength and an amplified spontaneous emission (ASE) noise strength at the point between optical signals, in combination with the rest of the limitations of the claim.

Papers related to this application may be submitted to Technology Center 2800 by facsimile transmission. Papers should be faxed to TC 2877 via the PTO Fax Center located in CP4-4C23. The faxing of such papers must conform with the notice published in the Official Gazette, 1096 OG 30 (November 15, 1989). The CP4 Fax Center number is (703) 872-9306.

If the Applicant wishes to send a Fax dealing with either a Proposed Amendment or for discussion for a phone interview then the fax should:

- a) Contain either the statement "DRAFT" or "PROPOSED AMENDMENT" on the Fax Cover Sheet; and
- b) Should be unsigned by the attorney or agent.

  This will ensure that it will not be entered into the case and will be forwarded to the examiner as quickly as possible.

Application/Control Number: 10/066,092

Art Unit: 2877

Page 3

Any inquiry concerning this communication or earlier communications from the examiner should be directed to L. G. Lauchman whose telephone number is (571) 272-2418.

Any inquiry of a general nature or relating to the status of this application should be directed to the TC receptionist whose telephone number is (571) 272-1562.

L. G. Lauchman Patent Examiner Art Unit 2877 5/15/04/Igl

Frank G. Font Supervisory Patent Examiner AU 2877